

Rheumatoid Arthritis

The goal of rheumatoid arthritis (RA) is to prevent or control joint damage, prevent loss of function, and decrease pain.¹

<p>EARLY Treatment Disease is non aggressive = x-ray is negative for erosion, anti-CCP negative; or CRP/ESR normal.</p> <p>Documented Diagnosis of Rheumatoid Arthritis: No Step Therapy requirement for COX 2 agents. TAR NOT REQUIRED</p> <p>Patient Education¹: 1. PT and OT evaluation. 2. Arthritis Self Management Course, People with Arthritis Can Exercise, Arthritis Foundation Aquatics⁵ 3. Adaptation of Self Management Course in other languages, significant improvement in self-efficacy and symptoms noted¹⁰</p> <p>The High Risk Patient⁷: 1. Age ≥ 65 & on diuretic 2. Age ≥ 65 & on ACE 3. CHF 4. Cirrhosis 5. Pre-existing Renal Disease 6. ASHD⁷</p> <p>If high dose NSAID is added... <u>DUR alert sent to pharmacies to communicate back to physicians</u> <u>Call MD and begin at modest dose.</u> <u>have patient report s/s fluid retention⁷</u></p> <p>Consider prior authorization for high-risk patients, with pre-existing renal disease or cirrhosis⁷.</p> <p>Labs: RF & ESR or CRP¹ Anti-CCP, X-Ray of hand and feet</p>	<p>The adjunctive treatment of early RA symptoms w/ quick acting analgesics¹ consider:</p> <ul style="list-style-type: none"> APAP, or ASA & or topical application of capsaicin cream RA flares: temporary use of tramadol, opioids, or corticosteroids <p>For chronic pain control:</p> <ul style="list-style-type: none"> NSAIDs: Diclofenac sodium, fenoprofen, flurbiprofen, ibuprofen, indomethacin, ketoprofen, meloxicam, nabumetone, naproxen, piroxicam, sulindac, and tolmetin, diflunisal, oxaprozin, ketorolac, mefenamic acid, etodolac. Non-Acetylated NSAIDs: Salsalate or choline salicylate & magnesium salicylate Use Cyclooxygenase (COX)-2 Inhibitor: <ul style="list-style-type: none"> If tried and failed 2 of the above agents with claims history of 30 days of continuous use in the past 120 days. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> Known risk factor (required one criteria to be met): Diagnosis of RA, age ≥ 65 years, history of ulcer, inferred Dx - Rx PPI or H2 antagonist, concurrent use of corticosteroid, concurrent use of anticoagulants, inferred Dx - misoprostol and an NSAID. <p>WHEN RA IS DIAGNOSED ADD and Begin</p> <p>Disease Modifying Anti-Rheumatic Drugs (DMARDs - <u>should begin within 3 months of a diagnosis of RA</u>¹). Failure of single DMARD refer patient to a rheumatologist¹</p> <ul style="list-style-type: none"> Consider hydroxychloroquine (HCQ), sulfasalazine (SSZ), methotrexate (MTX) for safety, convenience, and cost.¹ Leflunomide (Arava) is considered a first line agent Azathioprine (AZA), cyclosporine, minocycline, D-penicillamine, gold salts, (secondary agents). Cyclophosphamide (for vasculitis or other serious extra-articular form of RA). <p>Rule out hepatic disease prior to initiating therapy with MTX or Leflunomide.</p> <p>Adjunctive therapy with quick acting analgesics + DMARDs</p> <p>None of the NSAIDs (including COX-2) are renal sparing.</p> <ul style="list-style-type: none"> Use NSAIDs cautiously in recipients with significant risk of HTN or renal impairment.³ Use of NSAIDs and COX-2 inhibitors should be avoided in conditions associated with diminished intravascular volume or edema, such as CHF, nephrotic syndrome, or cirrhosis and in patients with serum creatinine $> 2.5\text{mg/dL}$. Chronic kidney failure defined as GFR $< 60\text{ml/min/1.73m}^2$ or at least 3 months of either structural or functional abnormalities of the kidney⁸ The use of a COX-2 agent has been reported to be associated with a higher rate of thrombotic events (including more myocardial infarctions) compared with traditional NSAIDs.²
<p>Note For All Steps:</p> <ul style="list-style-type: none"> Physicians are advised to follow-up with periodic laboratory monitoring and assessments for standards of practice. <i>Italics indicate agents that are currently covered under the Medi-Cal List of Contract Drugs; however, covered items are subject to change.</i> 	
<p>DISEASE is Advancing or PROGRESSING</p> <p>Labs: RF & ESR or CRP¹ Rule out hepatic disease prior to initiating therapy with MTX or Leflunomide.</p> <p>X-Rays of hand and feet</p>	<p>Combination therapy is superior when compared to single DMARDs⁴</p> <ul style="list-style-type: none"> Leflunomide + DMARDs ... MTX + HCQ + SSZ⁴ ... MTX + SSZ + prednisone taper ... MTX + SSZ ... MTX + leflunomide ... MTX + cyclosporine ... HCQ + cyclosporine <p>If failure OR partial response, then</p> <p>Injectable monotherapy OR combination DMARD with:</p> <ul style="list-style-type: none"> Subcutaneous: TNFa Inhibitors (adalimumab or etanercept) OR interleukin-1 inhibitor Intravenous interleukin-1 Inhibitor <p>Note: Biological injectable agents should be prescribed and care monitored by a rheumatologist</p> <ul style="list-style-type: none"> Incidence of infections has been less evident with the interleukin-1 inhibitors than with TNF.⁵ Post marketing surveillance has demonstrated an increase in infections, especially opportunistic infections and a reactivation of TB. Baseline chest x-ray and PPD prior to the initiation of TNF⁶
<p>Severe Progressing</p>	<p>Add Step Up combination therapy (failed TNFa +MTX)</p> <ul style="list-style-type: none"> TNFa + leflunomide or azathioprine Procsorb column Surgery

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